

MALEK, P.

Current status and future prospects of the use of antibiotics
in surgery. Rozhl. chir. 42 no.3:145-146 Mr '63.

1. Ustav klinické a experimentální chirurgie v Praze, reditel
prof. dr. B. Spacek, DrSc.
(ANTIBIOTICS) (SURGERY, OPERATIVE)

MALEK, P.; DOBRKOVSKY, M.; ZASTAVA, V.; KOLC, J.

The proposed use of tetracycline antibiotics for the evaluation of the degree of burns. Acta chir. plast. 5 no.1:48-56 '63.

1. Institute for Clinical and Experimental Surgery, Prague (Czechoslovakia)
Director: Prof. B. Spacek, D. Sc. The Burns Unit of the Clinic of Plastic Surgery, Prague Chief: Academician F. Burian.
(CHLORTETRACYCLINE) (BURNS) (DIAGNOSIS)

MALEK, Prokop, doc. dr., DrSc.

Research work in clinical medicine. Cas. lek. cesk. 101 no.46:1381-1384 '62.

(RESEARCH)

MALEK, P.; KOLC, J.; ZASTAVA, Vl.; ZAK, F.; PELESKA, B.

Fixation of tetracycline antibiotics in the focus of myocardial infarct.
Cas. lek. cesk. 101 no.32/33:981-984 17 Ag '62.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof.
dr. B. Spacek. -- II. patologickananatomicky ustav KU v Praze, prednosta
prof. dr. V. Jedlicka.
(TETRACYCLINE) (MYOCARDIAL INFARCT)

MALEK, P.; KOLC, J.; ZAK, F.; PAVLIK, F.

The distribution of tetracycline antibiotics in the tissue of the kidneys in physiological and some pathological conditions. Cas.lek. cesk 101 no.7:193-198 16 F '62.

1. Ustav klinické a experimentální chirurgie, Praha-Krc, reditel prof. dr. B. Spacek. II patologickoanatomický ústav KU v Praze, prednosta prof. dr. V. Jedlicka.

(TETRACYCLINE metabolism)
(KIDNEY metabolism)
(KIDNEY DISEASES metabolism)

KOCVARA, Svatopluk; MALEK, Prokop; ZAK, Frantisek; PAVLIK, Frantisek

The protective effect of chlortetracycline on the hypoxic kidney.
Rozhl. chir. 41 no.7:458-463 JI '62.

I. Ustav klinicke a experimentalni chirurgie, Praha, reditel prof.
dr. B. Spacek. II. patologicko-anatomicky ustav University Karlovy,
Praha, ved. prof. dr. V. Jedlicka.
(KIDNEY blood supply) (ISCHEMIA exper)
(CHLORTETRACYCLINE pharmacol) (RENAL ARTERY surg)

KRIEDEL, F.; MALEK, P.; BELAN, A.; KOLC, J.

Chronic progressive polyarthritis in the lymphographic picture.
Cas.lek.cesk 100 no.3:65-72 20 Ja '61.

1. Vyzkumny ustav chorob revmatickych, Praha, reditel prof. MUDr.
Fr. Lenocho; Ustav klinicke a experimentalni chirurgie, Praha-Krc,
reditel prof. MUDr. B. Spacek.

(ARTHRITIS RHEUMATOID radiog)
(LYMPHATIC SYSTEM radiog)

MALEK, P.; BELAN, A.

Role of lymphography in clinical practice. Rozhl.chir.40 no.2-3:
150-154 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc.
(LYMPHATIC SYSTEM radiog)

MALEK, P. (Praga)

Fluorescence of tetracycline in pathological tissues. Polski przegl.
chir. 33 no.7/9:859-860 '61.
(TETRACYCLINE chem)

KRIEGEL, F.; MALEK, P.; BELAN, A.; KOLC, J.

Lymphography of chronic progressive polyarthritis. Rev. Czech. med.
7 no.2:87-99 '61.

1. Research Institute for Rheumatic Diseases, Prague. Director: Prof.
F. Lenocho, M. D. Institute for Clinical and Experimental Surgery,
Prague. Director: Prof. B. Spacek, M. D.

(LYMPHATIC SYSTEM radiography)
(ARTHRITIS diagn)

MALEK, P.; VAVREJN, B.

A method for aimed dynamic function test of the lymphatic system
with the aid of Au-198. Cas.lek.cesk.99 no.38:1212-1218 16 S'60.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, prednosta
prof.dr. Bohumil Spacek.
(GOLD radioactive)
(LYMPHATIC SYSTEM radiogr)

MALEK, P.; KOLC, J.

Fluorescence method in the study of chlortetracycline penetration into the tissue. Cas.lek.cesk 99 no.29:924-927 15 J1'60.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, prednosta
prof.dr. B. Spacek.
(CHLORTETRACYCLINE pharmacol)

MALEK, P.

Present state of the problem of anti-staphylococcal antibiotics.

Čas. lek. česk. 99 no.16: Lek.veda zahr.:77-88 15 Ap '60.

1. Ústav klinické a experimentální chirurgie, Praha.
(ANTIBIOTICS)
(STAPHYLOCOCCUS)

MALEK, P.; KOLC, J.

Effect of fractures on the distribution of tetracycline in the bone. Acta chir.orthop.traum.czech. 27 no.5:396-404 0 '60.

1. Ustav klinicke a experimentalni chirurgie, Praha - Krc
(FRACTURES exper)
(TETRACYCLINE metab)
(BONE AND BONES metab)

MALEK, P.; KOL'TS, Ya. [Kole, J.]

Antibiotics of the base type and heparin. Antibiotiki 5 no.6:10-14
N-D '60. (MIRA 14:3)

1. Institut klinicheskoy i eksperimental'noy khirurgii, Praga,
Chekhoslovakiya.

(ANTIBIOTICS)

(HEPARIN)

MALEK, Prokop (Praha-Krc, Budejovicka 800)

Present problems of antibiotic therapy. Cas. lek. cesk. 98 no.23:
707-713 5 June 59.

1. Ustav klinicke a experimentalni chirurgie, prednosta prof. dr. B.
Spacek.

(ANTIBIOTICS, ther. use
problems (Cz))

MALEK, P.; ROKOS, J.; BURGER, M.; KOIC, J.; KRATKOVA, E.; PROCHAZKA, P.

Effect of chlortetracycline on exzymes & its practical significance.
Cas. lek. cesk. 98 no.9:262-266 27 Feb 59.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel doc. dr.
B. Spacek. Biologicky ustav CSAV v Praze, reditel akademik I. Malek.
Detska interna Thomayerovy nemocnice v Praze, prednosta prim. dr. E.
Kratkova. P. M., Praha-Krc, Budejovicka 800.

(CHLORTETRACYCLINE, eff.

on pancreatic alpha amylase & lipase, eff. of citric acid
(Cz))

(AMYLASES

pancreatic alpha amylase, inhib. by chlortetracycline (Cz))

(LIPASES

inhib. by chlortetracycline, eff. of citric acid (Cz))

(PANCREAS, metab.

alpha amylase & lipase, inhib. eff. of chlortetracycline,
reversal by citric acid (Cz))

(CITRATES, eff.

citric acid on inhib. of pancreatic alpha amylase & lipase
by chlortetracycli (Cz))

MALEK, P.; KOLC, J.; BEIAN, A.; SURIN, V.

Roentgenographic investigation of surface and deep lymphatic systems of the lower extremities. Cas. lek. cesk. 98 no.8:231-235 20 Feb 59.

1. Ustav klinicke a experimentalni chirurgie, Praha, prednosta doc. dr. B. Spacek. Statni ustav rehabilitacni, Kladruby u Vlasimi. P. M., Praha-Krc, Budejovicka 800.

(LYMPHATIC SYSTEM, radiography,
leg (Cz))

(LEG anat. & histol.
lymphatic system, x-ray (Cz))

MALEK, P.; KOLC, J.; ZAK, F.

Principles of two-stage lymphography. Cas. lek. cesk. 98 no.8:225-231
20 Feb 59.

1. Ustav klinicke a experimentalni chirurgie, Praha. II. patologicko-
anatomicky ustav lecarske fakulty KU, Praha. P. M., Praha-Krc, Budejo-
vicka 800.

(LYMPHATIC SYSTEM, radiography,
two-stage lymphography in animals (Cz))

MALEK, P.; KOLO, J., Technicka spoluprace M. Semoradova

Experiences with the restoration of lymph flow. Rozhl. chir. 38
no.7:441-446 July 59

1. Ustav klinike a experimentalni chirurgie, Praha.
(LYMPHATIC SYSTEM, surg.)

MALEK, P.; BELAN, A.

Present state of roentgeno-lymphography, its aims and future. Cesk.
rentg. 13 no.6:407-416 D '59.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc.
(LYMPHATIC SYSTEM radiogr.)

MALEK, P.;BELAN, A.;KOLC, J.

A method for the demonstration of the deep lymphatic system in the lumbar region. Ces. rentg. 13 no.5:343-348 0 '59

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc.
(LYMPHATIC SYSTEM radiogr.)

MALEK, P.; KOLC, J.; BELAN, A.

Problems of lymphography of the deep lymphatic system of the pelvis & lower limbs. Cesk. rentg. 13 no.1:54-62 Feb 59.

1. Ustav klinicke a experimentalni chirurgie, Praha.
(LYMPHATIC SYSTEM, radiography
deep lymphatic system of pelvis & legs, technic (Cz))
(PELVIS, radiography
lymphography of deep lymphatic system, technic (Cz))
(LEG, radiography
same)

MALEK, P.

Some questions of the pathophysiology of the lymphatic system.
Rev. Czech. M 5 no.3:153-169 1959

1. Institute of Clinical and Experimental Surgery, Prague-Krc.
Director: Prof. B. Spacek.
(LYMPHATIC SYSTEM, radiography)

MALEK, P.; KOLC, J.

Circulation of d-cycloserine & Czechoslovak DL-cycloserine in the organism. Cas. lek. cesk. 97 no.34:1075-1077 22 Aug 58.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, prednosta doc. dr. B. Spacek.

(ANTIBIOTICS

D-cycloserine & Czech. DL-cycloserine, comparative circ. in exper. animals (Cz))

MALEK, P.; KOLC, J.

Methodological approach to pathophysiological investigation of the lymphatic system. Cas. lek. cesk. 97 no.34:1069-1074 22 Aug 58.

1. Ustav klinické a experimentální chirurgie, Praha, prednosta doc. Dr. B. Spacek.

(LYMPHATIC SYSTEM

pathophysiol. research, methodol. approach (Cz))

MALEK, P.; KOLC, J.

~~14-00000~~ Problem of indirect x-ray lymphography in experimentation & in clinical practice. Cas. lek. cesk. 97 no.14:428-430 4 Apr 58.

1. Ustav klinicke a experimentalni chirurgie, Praha, prednosta doc.
dr. B. Spacek. P. M., Praha-Krc, Budejovicka 800.
(LYMPHATIC SYSTEM, radiography
indirect lymphographic method (Cz))

EXCERPTA MEDICA Sec 9 Vol 13/10 Surgery Oct. 50

6231. PHYSIOLOGICAL BASES FOR EXPERIMENTAL AND CLINICAL LYM-
PHOGRAPHY - Physiologische Grundlagen der experimentellen und klini-
schen Lymphographie - Málek P. and Kolc J. Inst. für Klin. und Exp.
Chir., Prag - ZBL. CHIR. 1958, 83/26 (1303-1317) Illus. 13

In experimental animals the problem of radiolymphography was studied from the viewpoint of the physiological properties of the lymphatic system. Direct and indirect lymphography were studied and 3 types of contrast medium were used: colloidal, crystalloid and iodized oil. In direct lymphography it was proved that the speed of the removal of the crystalloid contrast medium from the lymphatic system is primarily influenced by the condition of the blood capillaries. The speed of the removal of the colloidal contrast medium shows the real transport and maintenance function of the lymphatic system. The speed with which crystalloid contrast media are removed can be considerably limited by the use of adrenaline. In shock also the crystalloid substance remains considerably longer in the lymphatic system. In indirect lymphography with colloidal substances (thorium dioxide sol) a distinction should be drawn between the 'early' and 'late' lymphogram. Indirect lymphography can also be performed with a crystalloid substance, when adrenaline is injected at the same time. The 'functional lymphography' is recommended in which first a crystalloid and next a colloidal contrast medium are applied. (IX, 14)

MALENK, P., KOL'TS, I.

The use of lymphtropic antibiotics in clinical practice [with
summary in English]. Antibiotiki 3 no.4:34-37 J1-Ag '58
(MIRA 11:10)

1. Institut klinicheskoy i eksperimental'noy khirurgii (Praga)
(ANTIBIOTICS)

USSR/Pharmacology. Toxicology. Antibiotics.

V

Abs Jour: Ref. Zhur. - Biol., 22, 1958, 102951

culate for a longer time. A high content of antibiotics in the course of a long period of time was determined in efferent lymph ducts and nodes. The acute toxicity of I is considerably lowered. - From the author's resume

Card 2/2

MALEK, P.

USSR/Pharmacology. Toxicology. Antibiotics.

V

Abs Jour: Ref. Zhur. - Biol., 22, 1958, 102951

Author : Malsk, P.; Goffman, I.; Gerol'd, M.; Kolts, Y.

Inst : -

Title : Antibiotics with Direct Penetration into the Lymphatic System.

Orig Pub: Antibiotiki, 1958, 3, No. 1, 45-51

Abstract: Antibiolymphins (I) are salts of antibiotics with high-molecular-weight substances. The salts of streptomycin and neomycin with polymethacrylic acid, with dextran sulfate and carboxymethylstarch were tested. I are absorbed in intramuscular introduction to a considerable degree by means of the lymphatic system. As compared with commonly used antibiotics, they create lower concentrations of antibiotics in the blood and cir-

Card 1/2

F

Country : USSR
Category : Microbiology. Antibiosis and Symbiosis. Antibiotics
Abs. Jour : Ref Zhur-Biol., No 23, 1958, No 103745
Author : ^FMalek, M. Gerol'd, M.
Institut. : --
Title : The Problem of Utilizing Antibiotics in Agriculture
and the Food Industry
Orig Pub. : Vestn. s.-kh. nauki, 1958, No 2, 103-109
Abstract : No abstract.

Card: 1/1

MALEK, P.; KOIC, J.; Technicka spoluprace L. Bufka, M. Semoradova

Physiological basis of experimental & clinical lymphography. Cas. lek.
cesk. 96 no.47:1463-1471 22 Nov 57.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, prednosta doc.
Dr B. Spacek. Adres: P. M., Praha-Krc, Budejovicka 800.
(LYMPHATIC SYSTEM, radiography
physiol. basis of clin. & exper. lymphography (Cz))

MALEK, P.; KOLC, J.; ZAK, Fr.

Possibility of specific blocking of the lymphatic system; pathogenesis & experimental treatment of tetanus. Cas. lek. cesk. 96 no.43:1369-1375 25 Oct 57.

1. Ustav klinicke a experimentalni chirurgie, reditel doc. Dr B. Spacek.
11. pathologickoanatomicky ustav lebarske fakulty Karlovy university v Praze, prednosta prof. Dr. V. Jedlicka. K sedmdesatym narozeninam akademika A. Jiraska.

(TETANUS, exper.

eff. of specific blocking of lymphatic system with antitoxin (Cz))

(LYMPHATIC SYSTEM, in var. dis.

exper. blocking with antitoxin in exper. tetanus (Cz))

CZECHOSLOVAKIA / General Problems of Pathology. Shock.

U-4

Abs Jour : Ref Zhur - Biol., No. 10, 1958, No 46770

Author : ~~Malck, Prokop~~; Kolc, Jiri.

Inst : Not given

Title : The Toxic Reactivity of the Organism in Hypothermia Shock.
Study of the Dynamics of Matter Circulation in the Organism
During Shock.

Orig Pub : Rozhl. chirurg., 1957, 36, No. 4, 209-213.

Abstracts : In rabbits, during shock caused by gyration, an increase of sensitivity to the staphylococcus toxin, to B. perfringens, and to viper venom was established. Hypothermia decreases such heightened sensitivity of shock. Toxic resistance was increased in hypothermia of control animals. Part III, see RZh. Biol., 1958, 3008.

Card 1/1

MALEK, P.

CZECHOSLOVAKIA / Microbiology. Microbes Pathogenic to Man F-5
and Animals. General Problems.

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72085.

Author : Malek, P.; Cervinka, F.

Inst : Not given.

Title : Problem of the Tolerance of Microorganisms to
Antibiotics in Surgery.

Orig Pub: Rozhl. chirurg., 1957, 36, No 1, 21-31.

Abstract: The authors cite basic data on the appearance of
tolerance of microorganisms based on their own
observations and those in the literature. It is
emphasized that antibiotics, on the one hand cause
the development of tolerance of microorganisms,
and on the other, impair the biological equilibrium
of the organism, making it susceptible to second-
ary infections. -- From the authors' resume.

Card 1/1

MALEK, P.

Short review of the modern status of the use of antibiotics in surgery.
Rozhl. chir. 36 no.1:1-15 Jan 57.

1. Ustav klinické a experimentální chirurgie, Praha.
(ANTIBIOTICS, ther. use
in surg., modern aspects (Cz))
(SURGERY, OPERATIVE,
use of antibiotics, modern aspects (Cz))

MALEK, P.; KOLC, J.

Studies on dynamics of circulation and effects of substances in the organism in shock. II. Absorption in traumatic hemorrhagic and infectious shocks. Cesk. fysiolo. 6 no.1:9-13 '57.

1. Technicka spoluprace M. Semoradova Ustav klinicke a experimentalni chirurgie, Praha.

(SHOCK, experimental,
inulin & rhodanid absorp. in (Cz))

1762

duced from 30 min. in the normal state to 3-6 min. in shock. This effect was explained by increased vascular permeability and was used as an index of depth of shock. In contradistinction to this effect it was already known and frequently described that resorption from the tissues and from the gastrointestinal tract during shock is diminished. In this paper this discrepancy is demonstrated experimentally and explained by the different resorption of haemotropic and lymphotropic substances in the organism. Inulin and radioactive phosphorus are resorbed more slowly during shock than are dextran, Congo red and suspensions of bacteria such as *B. perfringens*, which materials are resorbed by lymphatic route into the general circulation. In shock the lymphatic barrier is rendered non-functional, resulting in massive toxaemia of the organism. Such occurrence is well seen in the clinical picture of oedema malignum, where there is lowered general resistance. Resorption by the lymphatic route is enhanced in shock and this route has been used with success by the author for procaine penicillin, which is absorbed from the tissues as rapidly as the soluble penicillin G.

Vlček - Prague (IX,5)

EXCERPTA MEDICA Sec 5 Vol. 10/5 Pathology May 57

MÁLEK, P.

1262. MÁLEK P. Úst. Klin. a Exp. Chir., Praha-Krc. *Nové pohledy na otázku koloběhu a působení látek za šokových stavů. A new aspect of the question of circulation and the action of some substances in shock ČAS. LÉK. ČES. 1956, 95/23-24 (630-638)
Graphs 12

Laborit and Morand stated in 1946 that the resorption of human plasma from the s.c. tissue is accelerated during shock. Resorption time may even be re-

MALEK, Prokop

Considerations on work and personality of academician J. Divis.
Cas. lek. cesk. 95 no.23-24:607-609 15 June 56.

(BIOGRAPHIES,
Divis, Jiri, biobibliog. (Cz))

EXCERPTA MEDICA Sec.9 Vol.11/9 Surgery Sept 1957

4529. (945) MÁLEK P. Ústav. Klin. a Exp. Chir., Praha, *Studie o dynamice koloběhu léků v organismu za šokových stavů. Study of the dynamics of the circulation of substances in organisms during states of shock ČAS. LÉK. ČES. 1956, 95/17 (449-454) Graphs 9 Tables 3

From the viewpoint of the known dissociation of absorption of haematotropic and lymphotropic substances during shock, the resorption of penicillin was investigated during tourniquet shock after i.m. injection. It was shown that the rule of dissociation of absorption had its consequence in the absorption of various kinds of penicillin. The potassium salt of crystalline penicillin G behaves as a haematotropic substance and the procaine salt as predominantly lymphotropic. It was found that the procaine salt of penicillin as a considerably lymphotropic substance, penetrates during shock into the lymph faster and more powerfully. By means of the procaine salt of penicillin in experimental animals, the blood concentrations of antibiotics, which mostly exceed the values obtained in animals without shock, are safely effective from the beginning. When the potassium salt of crystalline penicillin G is applied there can be no reliance on the quick achievement of effective concentrations which are mostly substantially lower under shock. The practical consequences of this experience are referred to with emphasis on the 'lymphatic blockade' under shock.

(IX, 5)

EXCERPTA MEDICA Sec.9 Vol.11/9 Surgery Sept 1957

4537. (953) MÁLEK P. Inst. für Klin. und Exp. Chir., Prag. *Experimentalstudie auf Grund neuer Erkenntnisse über die Absorption von Stoffen in Schockzuständen. Die Absorption von Penicillin. Experimental study based on new data regarding the absorption of substances in conditions of shock. The absorption of penicillin ZBL.CHIR. 1956, 81/43 (2255-2262) Graphs 6

(1) The absorption of penicillin in rabbits in tourniquet shock after intramuscular injection was studied on the basis of the knowledge on the dissociation of the absorption of haematotropic and lymphotropic substances during shock. (2) It was proved that the law of the dissociation of the absorption has a consequence in the absorption of various kinds of penicillin. Potassium salt of crystalline penicillin G behaves like a haematotropic, and procaine salt like a predominantly lymphotropic substance. (3) It was found that penicillin-procaine salt, being a substance with considerable lymphotropic properties, penetrates quicker and more intensely into the lymph during shock. (4) In animal experiments, penicillin-procaine salt produced, from the very beginning, reliably active concentrations of antibiotics in the blood, which usually were higher than those in animals without shock. (5) In the application of the potassium salt of crystallized penicillin G, the rapid production of active concentrations, which are usually considerably lower in shock, cannot be relied upon. (6) Practical conclusions of the findings are mentioned and the efficacy of 'lymphatic block' in shock is stressed.

5084

CONT.

sociation of the absorption of haematotropic and lymphotropic substances during shock. Practical conclusions of these new findings are mentioned.

EXCERPTA MEDICA Sec.9 Vol.11/10 Surgery Oct 57

5084. (1093) MÁLEK P. and KOLC J. Inst. für Klin. und Exp. Chir., Prag. *Neue Erkenntnisse über die Absorption von Stoffen im Schock. New data regarding the absorption of substances during shock ZBL. CHIR. 1956, 81/42 (2206-2218) Graphs 8 Tables 10
The laws governing the absorption of haematotropic and lymphotropic substances in rabbits submitted to the tourniquet shock were studied. It was shown that the absorption of haematropic substances during shock is more delayed the more the shock is pronounced. The absorption of lymphotropic substances, however, is accelerated in proportion to the severity of the shock. A new law was found: the dis-

MALEK PROKOP

CZECHOSLOVAKIA/General Problems of Pathology - Shock.

T-3

Abs Jour : Ref Zhur - Biol., No 1, 1958, 3008

Author : Malek Prokop

Inst : -

Title : Investigation of the Dynamics of Circulation of Substances in the Body in the State of Shock. III. Absorbtion of Penicillin in Turniquet Shock.

Orig Pub : Casop. lekaru ceskych, 1956, No 17, 449-454

Abstract : In tourniquet shock in rabbits the absorption of intramuscularly administered potassium salt of Penicillin (I) and procaine Penicillin (II) was studied. I penetrates more rapidly the blood stream, and II into - the lymphs. In the administration of the procaine salts into the blood a higher concentration is formed, as compared with the control healthy rabbits, and the administration of potassium salts - a much lower concentration.

Card 1/1

MALEK, P.; KOLC, J.; Technical collaboration: M. Skulova, M. Semoradova

Studies on the dynamics of the circulation and action of substances in the organism in conditions of shock. I. Laws of absorption in tourniquet shock in rabbits. *Physiol. bohém.* 5 no.2:214-223 1956.

1. Institute of Experimental and Clinical Surgery, Prague-Krc.
(SHOCK, experimental,
hematotropic & lymphotropic substances, absorp. in
tourniquet shock in rabbits)
(BLOOD,
hematotropic substances, absorp. in tourniquet shock
in rabbits)
(LYMPH,
lymphotropic substances, absorp. in tourniquet shock
in rabbits)

MALEK, P.; KOLC, J.; Technicka spoluprace: M. Skulova, M. Semoradova

Studies on dynamics of circulation and activities of substances in the organism in shock conditions. I. Rules of administration in tourniquet shock in rabbits. Cesk. fysiolo. 5 no.2:191-199 23 June 56.

1. Ustav klinicke a experimentalni chirurgie, Praha.
(SHOCK, experimental,
eff. of hematotropic & lymphotropic substances (Cz))

MALEK, P.; TRAVNICEK, R.

New modification of biological test for hyaluronidase.
Cesk. fysiол. 4 no.2:216-223 May 55.

1. Ustav klinicke a experimentalni chirurgie, Praha.
(HYALURONIDASE, determination,
biol. test)

ANDRLOVA, Olga; CERVINKA, Frantisek; MALEK, Prokop

Contribution to the epidemiology of staphylococcal infections at
obstetrical wards with special reference to puerperal mastitis.
Cesk. gyn. 19 no.5:306-312 Oct 54.

1. Ustav exp. a klin. chirurgie, Praha.
(MASTITIS
puerperal, epidemiol. in Czech.)

MALEK, P.

TRAVNICEK, R.: MALEK, P.

~~MALEK, P.~~
Radiographic diagnosis and operative confirmation of partial
strangulation of the jejunum in the opening in the greater omentum.
Sborn. pathofysiol. trav. vyz. 8 no.2:87-90 My '54.

1. Z ustavu pro experimentalni chirurgii. Red. doc. Dr B.Spacek.
(HERNIA, INTERNAL,
double transomental hernia, diag.)

BUDINOVA-SMELA, I., D-r; FEIFAR, Z., Dokt. med.; MALEK, P., dotsent d-r;
MALEK, Ivan, akademik

Discussion on physiology and practice. Chekh fiziol. 3 no.1:99-
104 1954.

1. Gosudarstvennyye lechebnyye i medikosanitarnyye uchrezhdeniya
v Praga-Krohi, nevrologicheskoye otdelenie (for Budinova-Smela)
 2. Institut bolezney krovoobrashcheniya. (for Feifar) 3. Zave-
duyushchiy nauchnym issledovaniyam instituta eksperimental'noy
khirurgii (for Malek, P.) 4. Zaveduyushchiy biologicheskim insti-
tutom Chsl. Akademii nauk, Praga. (for Malek, Ivan)
- (PHYSIOLOGY,
in Czech.)

MALEK, P.

Antibiotics and the lymphatic system; experiments and clinical suggestions. Cas. lek. cesk. 92 no.51:1384-1392 11 Dec 1953. (CML 25:5)

1. Of the Institute of Experimental Surgery (Director-- B. Spacek, M.D.; Research Head--P. Malek, M.D.), Prague.

MALEK, P.

HOUBA, V.; MALEK, P.

Use of preparation hyasa in subcutaneous infusions of long duration.
Gas. lek. cesk 92 no.49-50:1367-1371 4 Dec 1953. (GLML 25:5)

1. Of Biogena Scientific Center (Director--J. Malek, M.D.) and of the Experimental Department (Head of Research-- P. Malek, M.D.) of the Institute of Experimental Surgery (Director--Docent Spacek, M.D.).
2. Hyaluronidase.

MALEK, P., PRASILOVA, F.

"Schwartzman's phenomenon in the pathogenesis of an abscess in the lungs." p. 679.
(CASOPIS LEKARU CESKYCH, Vol. 92, #25, June 1953, Czechoslovakia)

East European Vol. 2 #8
SO: Monthly List of Russian Accessions, Library of Congress, August 1953, Uncl.

MALEK, P.; CERVINKA, F.; SKULOVA, M.; HOUSKA, O.

Epidemiologic studies on pemphigus mastitis strain of Staphylococcus; maternal infection and its relation to newborn infant and environment. Cesk. gyn. 18 no.4:299-306 Aug 1953. (CIML 25:4)

1. Of the Institute of Experimental Surgery (Director--Docent B. Spacek, M.D.) and of the Institute of Mother and Child (Director--Prof. J. Trapl, M.D.), Prague. 2. Epidemiological study.

MALEK, P.; CERVINKA, P.; VRUBEL, J.; KOLC, J.

New concepts of etiology and of pathogenic therapy of puerperal mastitis with special reference to pemphigus mastitis strain of Staphylococcus; clinical studies. Cesk. gyn. 18 no.4:306-313 Aug 1953. (CLML 25:4)

KURES, Herman, As., dr.; MALEK, Prokop, As., dr.

Pathogenic investigations on myasthenia and myotonia with special reference to therapy. II. Effect of blood serum isolated in myotonia on nerve-muscle preparation in frog. Cas. lek. cesk. 91 no.24-25:709-711 20 June 52.

1. Z ustavu pro sveob, a pokusnou pathologii K.U. v Praze, predn. prof. dr. J. Hepner, a z II. chir. kliniky K.U. v Praze, predn. prof. dr. Divis.

(MYOTONIA ATROPHICA, physiology,

eff. of blood on nerve-musc. prep. in frog & relation to myasthenia gravis.)

(MYASTHENIA GRAVIS, physiology

relation to myotonia atrophica)

(BLOOD, in various diseases,

myotonia atrophica, eff. of blood isolated in myotonia on nerve-musc. prep. in frog.)

(NERVE MUSCLE PREPARATION,

eff. of blood isolated in myotonia atrophica)

MALEK, P;HOUBA, V;VRUBEL, J;VRUBILOVA, J.

Experimental study on the effect of hyaluronidase on infiltration
anesthesia with procaine. Rozhl. chir., Praha 31 no.1:5-11 1952,
(CLML 22:2)

1. Of the Second Surgical Clinic (Head--Prof. Divis, M. D.) of
Charles University, Prague and of Biogena National Enterprise
(Director--Mlcochova, M. D.)

MALEK, P.
(# 2671)

Z ustavu pro vseob. a pokusnou path. K.U. v Praze, a z II. chir. klin. K.U. v Praze.
Pathogeneticky vyzkum myasthenie a myotonii se zretelem k terapii. Pokusna cast.
Sdeleni I. Vliv sera myastheniku na nervosvalovy preparat zabi Research on the path-
ogenesis of myasthenia and myotonia with regard to treatment. Experimental part. I.
The influence of the myasthenic serum on the neuromuscular preparation of frog
Cas. lek. ces. 1951, 90/34 (1011-1014) Graphs 1 Tables 1 Illus. 2
The authors elaborated a method for the determination of the active factor in the
blood of myasthenics. This factor augments in a striking way the muscular fatiga-
bility, studied on the neuromuscular preparation of the frog. In the registration
of the isometric contractions of the neuromuscular preparation of frogs injected
with serum of myasthenics, they found characteristic changes when compared with
registrations of frogs injected with normal serum. A striking diminution of the mus-
cular effect was found in registrations made on the same neuromuscular preparations
after a rest. Examinations of and comments on 4 cases of myasthenia gravis pseudo-
paralytica are given. In the repeated examination, the results are convincing. This
method may be used in investigating the aetiology of myasthenia and myotonia and
in the evaluation of the treatment of both diseases.

Benner - Prague (VIII, 6)

SO: EXCERPTA MEDICA Vol. 5 No. 7 Sec. VIII July 1952

MALEK, P.; BOREK, Z.; SLAVIK, R.

Experimental effect of x-rays on staphylococcal hyaluronidase.
Cas. lek. cesk. 90 no.20:611-613 18 May 1951. (CML 20:9)

1. Of the Second Surgical Clinic of Charles University, Prague
(Head--Prof. Jiri Divis, M.D.) and of Biogena National Enterprise (Director--L. Micochova, M.D.).

CZECHOSLOVAKIA

ZAK, F., MALEK, P., ZASTAVA, V., and KOLC, J., Second Institute of Pathological Anatomy (II. patologickoanatomicky ustav), Faculty of General Medicine (Fakulta vseobecneho lekarstvi), Charles University, Prague, (Prof. Dr V. JEDLICKA, director) and Institute of Clinical and Experimental Surgery (Ustav klinicke a experimentalni chirurgie), Prague, (Prof. Dr B. SPACEK, director) [individual affiliations cannot be determined].

"Prolonged Persistence of Tetracycline Antibiotics in the Organism under Pathological Conditions"

Prague, Casopis Lekarů Ceských, Vol CII, No 32/33, 16 August 1963, pp 902-906.

Abstract [Authors' English summary, modified]: Discussed is the prolonged fixation of tetracycline antibiotics (TA) under pathological conditions. Under physiological conditions the TA are retained only in biologically active bone marrow. Under pathological conditions prolonged fluorescence is found also in tissues liable to calcification. A very intensive trapping and retention occurs in the striated skeletal and cardiac muscles. After discussing various specific cases the authors conclude that the fixation is caused by the formation of stable chelate TA complexes in tissues with bivalent cations, particularly cations of calcium. This phenomenon is discussed from the morphological view point. Forty-two references, including 25 Czech.

1/1

HOUBA, V.; MALEK, P.

Possibilities for use of hyaluronidase in medical practice and
especially in surgery. Cas.lek.cesk. 90 no.9:262-265 2 Mar 1951.
(CJML 20:7)

1. Of Biogena National Enterprise (Director--L. Mlcochova, M.D.)
and of the Second Surgical Clinic (Head--Prof. J. Divis, M.D.).

MALEK, P;MALIK, J.

Penicillin and blood coagulation; experimental studies.
Cas. lek. cesk. 89 no.40:1120-1124 6 Oct. 1950. (CML 20:1)

1. Of the Second Surgical Clinic of Prof. Divis and of Biogena
National Enterprise (Head--L. Micochova, M. D.).

MALEK, P.

Treatment of phalangeal osteitis and arthritis with penicillin lavage.
Rozhl.chir. 29 no.11:441-449 1950. (CIML 20:7)

1. Of the Second Surgical Clinic of Charles University, Prague (Head-
-Prof Jiri Divis, M.D.).

MALEK, Otakar, inz.; TOTPE, Zimok, inz.

Drivl- of (shut it, and start) ...
no.6 Suppl.:Mechanizace no.6:87-94 '84.

1. Ingstav National Enterprises, Brno.

USSR / General Problems of Pathology. Immunity.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102420.

Author : Malek, N.

Inst : ~~Not given.~~

Title : The Status and Tasks of Immunology in Czechoslovakia.

Orig Pub: Folia biologica, 1955, 1, No 4, 247-256.

Abstract: No abstract.

Card 1/1

L 31576-66 EWP(v)/EWP(k)/EWP(h)/EWP(l) PC

ACC NR: AP6022975

SOURCE CODE: CZ/0080/65/000/008/0211/0212

AUTHOR: Malek, Miroslav (Engineer)

ORG: Division of Development of Technology, V. I. Lenin Plants, Plzen (Odbor rozvoje technologie Zavodu V. I. Lenina)

TITLE: Results of several years of service of the NA-SKODA digital control system

SOURCE: Automatizace, no. 8, 1965, 211-212

TOPIC TAGS: computer control system, production engineering

ABSTRACT: The article describes the experience with the NA-SKODA Digital Control System at the V. I. Lenin Plants and states that it shows that the processing of shaped parts in large lots is economical; so far, however, the production of a small quantity of parts has been expensive. Moreover, the designers have hesitated to select challenging forms and have selected more ordinary, very simple forms because of the presence of the system. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 13, 09 / SUBM DATE: none

Card 1/1 22

UDC: 62-55:681.142-83:621.9

MALEK, Milan inz. CSc.

Problems of production standardization and the preconditions
for the use of calculation methods in Czechoslovak foundries.
Stevarenstvi 13 no.1:1-7 Ja '65.

1. National Development Center of Technical Standardization
in Foundries of the Zavody V.I.Lenina National Enterprise,
Plzen.

MALEK, Milan, inz. CSc.

Metallic pattern equipment and its accessories. Slevarenstvi 12
no.5:192-195 My '64.

From the Conferences of the Technical Group of Modelmaking Plants.
Ibid.:197-199

"Metal patternmaker" by Zdenek Capka, Jaroslav Grmela. Reviewed
by M.Malek. Ibid.:212

MALEK, Milan, inz., C.Sc.; BURDA, Ladislav; KOLACNY, Vladimir

Sorting and classification of castings according to technical similarity. Slevarenstvi 10 no.7:253-259 JI '62.

1. Zavody V.I.Lenina, Plzen.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700008-6

MALEK, M.

New techniques in model rooms. Slevarnstvi 10 no.2:72-75 F '62

MALEK, M.

"The Days of New Techniques" in molding plants. Slevarenstvi
9 no.12:495-498 D '61.

MALEK, Milan

Selection of material for founding molds. Slevarenstvi 9 no.12:
478-480 D '61.

1. Zavody V. I. Lenina, Plzen,

MALEK, MILAN.

Vyroba drevenych modelu. [Vyd. 1.] Praha, Statni nakl. technicke literatury, 1956.
352 p. /Patternmaking in wood. 1st ed. illus., bibl., diags, index, tables/

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

MALEK, Milan

✓ 24136. Moisture and Pattern. Vlhkost a modely. (Czech.)
Milan Malek. *Strojnicka*, v. 1, no. 2, Nov. 1965, p. 359-362.
AG Improvement of stability of wood patterns by air conditioning
the pattern shops, kiln drying the wood, and/or impregnation,
and coating procedures. Graphs, diagrams.

MALEK, M.

Precision in the production of models. p. 333.
SLEVARENSTVI, Prague, Vol. 2, no. 11, Nov. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

MALEK, M.

MALEK, M.

Prepared wood and its use for patterns. p. 237 (Slevarenstvi. Praha. Vol. 2, no. 2, Aug. 1954)
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

ILLEGIBLE

ILLEGIBLE

MALEK, K.

A 300 kv. generator of the Van de Graaff type. p. 90.
(Elektrotechnicky Obzor, Vol. 46, no. 2, February 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,
June 1957. Uncl.

Malek, Karel
Czechoslovakia/Nuclear Physics - Instruments and Installations. Measurement
and Investigation

C-2

Abst Journal : Referat Zhur - Fizika, No 12, 1956, 33828

Author : Malek, Karel

Institution : None

Title : Capacitive Generators and Their Application as a Source of High
Voltage for Ion Accelerators

Original

Periodical : Elektrotechn. obzor, 1956, 45, No 3, 138-144 (Czech; resumes
in Russian, French, and English)

Abstract : The possibilities are considered of obtaining a high voltage with the
aid of capacitive generators. These generators operate on the principle of the variable capacitor. Unlike the Tepler generators, the capacitive generators are provided with an exciting armature, making it possible to connect them in stages to obtain very high voltages. A 2-stage generator was constructed and used to verify the principle of the cascade connection, and the characteristics were plotted. Directions are given for the construction of a machine of very high voltage; the shortcomings of the capacitive principle are described and methods indicated for eliminating these shortcomings.

Card 1/1

MALEK, K.

"High-Voltage Generators of the Van de Graaf Type." p. 152. (MATEMATICKO-PRIRODOVEDECKE ROZHLEDY, Vol. 32, no. 5, 1953, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Unclassified

MALEC, K.

M Mixed planting of potato varieties. K. Malec (Roczn. Nauk rol.
1986, 70, A, 549-555) considerably increases in yields of late
potatoes resulted from planting alternate rows of late and early
varieties. Yields of early varieties were not appreciably affected.
A. G. POLJANN

PELESKA, Karel; MALEK, Josef

Effect of drying on the utilization of sawn timber in making windows. Drevo 19 no.5:166-169 My '64.

1. Institute of Woodworking Research and Development, Prague.

MALEK, Josef, inz.

Surface treatment of wood parts by polyvinyl chloride foils.
Drevo 18 no.8:290-291 Ag '63.

1. Vyzkumny a vyvojovy ustav drevarsky, Praha.

MALEK, Josef, promovany chemik; FADRUS, Hubert, promovany chemik

Determining the efficiency of aeration systems in waste water treatment plants. Vodni hosp 13 no.7:252-255 '63.

1. Vodohospodarska sprava, Brno.

MALEK, Josef

Primary wage records as basis for establishing the units of involved labor. Prum potravin 13 no.12:624-628 D '62.

1. Prumysl mlečne výživy, n.p., Nový Bydžov.

ENGELBERTH, O.; JEZKOVA, Z.; BLEHA, O.; MALEK, J.; BENDL, J.; Technicka
spoluprace: MORAVCOVA, S.; KADEROVA, M.

Autoantibodies in Sheehan's syndrome. Vnitřní lek. II no. 8:737-741
Ag '65.

1. III. vnitřní klinika (prednosta akademik J. Charvat), Ustav
hematologie a krevní transfuze (reditel prof. MUDr. J. Horejsi,
DrSc.), I. porodnicka klinika (prednosta prof. MUDr. J. Klaus,
Dr.Sc), II. porodnicka klinika (prednosta prof. MUDr. J. Lukas,
Dr.Sc).

CZECHOSLOVAKIA

MALEK, J.; 1st Gynecological Clinic Medical Faculty, Charles University (I. Prodnicko-Gynekologicka Klinika Fak. Vseob. Lek KU), Prague.

"Present-Day Problems in the Investigation of Periodic Functions in Living Organisms"

Prague, Ceskoslovenska Fysiologie, Vol 15, No 3, May 66, pp 228-239

Abstract: Exogenous and endogenous periodicities and rhythms are discussed. Synchronizing factors and changes in daily rhythms are described. Damage to endocrine organs due to constant light or darkness is discussed. Rhythms important in medicine in diagnosis, therapy and disease prevention are described. Influence of cycles and rhythms in the reproduction of animal and vegetable life is evaluated. The influence of periods, cycles, and rhythms on extraterrestrial life is discussed. 12 Figures, 36 Western, 4 Czech, 1 Russian reference. (Manuscript received 31 Aug 65).

1/1

CZECHOSLOVAKIA

ENGELBERTH, O., JEZKOVA, Z., BLEHA, O., MALEK, J., BENDL, J.

1. Third Clinic of Internal Medicine (III vnitřní klinika), (for ?); 2. Institute of Hematology and Blood Transfusions (Ústav hematologie a krevní transfuze), (for ?); 3. First Obstetrical Clinic (porodnická klinika), (for ?); 4. Second Obstetrical Clinic (II porodnická klinika), (for ?).

Prague, Vnitřní lékařství, No 8, August 1965, pp 737-741.

"Autoantibodies in Sheehan's syndrome."

(5)

MALEK, J., doc., MUDr., DrSc.

Problems of the periodicity of living matter in bioclimatology
and biometeorology. Meteor zpravy 16 no.3/4:97-100 Ag. '63.

1. I. porodnicka a. gynekologicka klinika Karlovy university,
Praha.

CHARVAT, Josef; GREGOROVA, Inge; MALEK, Jiri; KANDRAC, Michal; SILINKOVA-MALKOVA, Eva

Excretion of androgens in hirsute women. Sborn.lek. 64 no.1:1-19
Ja '62.

1. Laborator pro endokrinologii a metabolismus, fakulty vseobecneho
lekarstvi University Karlovy v Praze, prednosta akademik Josef Charvat
I gynekologicka klinika fakulty vseobecneho lekarstvi University Karlovy
v Praze, prednosta prof. dr. Karel Klaus Dr.Sc.

(ANDROGENS urine) (HYPERTRICHOSIS urine)

KOBILKOVA, J.; STRAKOVA, M.; KALOUSKOVA, J.; SKODA, V.; MALEK, J.

Cytological examination of the receptivity of vaginal and buccal
epithelium to hormonal impulses. Cesk. gynek. 27 no.9:636-640 N '62.

1. I a II gyn.-por. klin. KU v Praze, prednosta prof. dr. K. Klaus,
DrSc, prof. dr. J. Lukas, DrSc.

(INFANT NEWBORN)	(ESTROGENS)	(VAGINA)
(MOUTH)	(EPITHELIUM)	(SEX CHARACTERISTICS)

STLINKOVA-MALKOVA, Eva, CSc.; MALEK, Jiri, doc., DrSc.

Late gestosis and endocraniosis. Cesk. gynek. 27 no.1/2:89-92 Mr '62.

1. III int. klin. KU v Praze, prednosta akademik J. Charvat I gyn. por.
klin. KU v Praze, prednosta prof. K. Klaus, DrSc.

(PREGNANCY TOXEMIAS etiol)
(HYPEROSTOSIS FRONTALIS INTERNA in pregnancy)

SILINKOVA-MALKOVA, E., C.Sc., doc.; MALEK, J., dr.Sc.

Prevention of diencephalo-pituitary disorders in endocranioses.

Cesk. gyn. 26[40] no.8:634-636 Ul.'61.

(HYPEROSTOSIS FRONTALIS INTERNA compl)

(DIENCEPHALON dis)

(PITUITARY GLAND ANTERIOR dis)

(GYNECOLOGY)

SILINKOVA-MAIKOVA, Eva; C.Sc.; MALEK, Jiri, doc. Dr. Sc.

Endocraniosis and sterility. Cesk.gyn. 25[39] no.3:224-230 1960.

1. III.int.klinika KU v Praze, prednosta akademik J. Charvat.
I.gyn.por.klin. KU v Praze, prednosta prof.Dr.Sc. K. Klaus.
(HYPEROSTOSIS FRONTALIS INTERNA compl.)
(STERILITY FEMALE etiol.)

MALEK, Jiri, doc. Dr.Sc.

White blood cell count in retroplacental hematoma. Cesk.gyn.25
[39] no.6:458-462 J1'60.

1. I. gyn.por. klinika KU v Praze, prednosta prof. dr. Karel
Klaus, Sc.D.

(LEUKOCYTE COUNT in pregn)

(HEMORRHAGE, POSTPARTUM blood)

MALEK, Irzhi [Málek, J.], dotsent; MOYZHISHKOVA, Eva [Mojžišková, E.];
BLAZHKOVA, Pavla [Blažková, P.]; MASAK, Yan [Masák, J.]

Reaction of white blood cells in spontaneous full-term labor
beginning with labor pains. Akush. i gin. 35 no.3:33-38
My-Je '59. (MIRA 12:8)

1. Iz akusherskoy kliniki (dir. - prof., doktor Karel Klaus)
Karlova universiteta v Prage. 2. Iz gematologicheskoy labora-
torii 3-y terapevticheskoy kliniki (direktor - akad. kharvat)
(for Blažková).

(LABOR, blood in
leukocyte count at beginning of labor (Rus))
(LEUKOCYTE COUNT, in pregn.
at beginning of labor (Rus))